

Question 1:

Fill in the blanks to show how the environment affects the organisms. Name the non-living component the organism interacts with in each situation.

*migrating

* skin

* oxygen

*gills

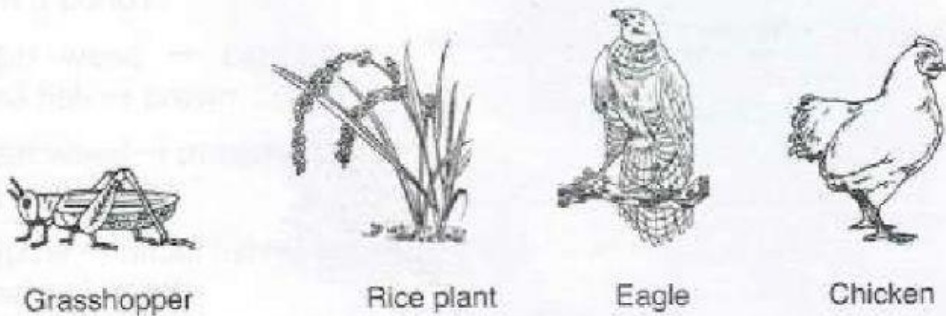
*hibernate

*photosynthesis

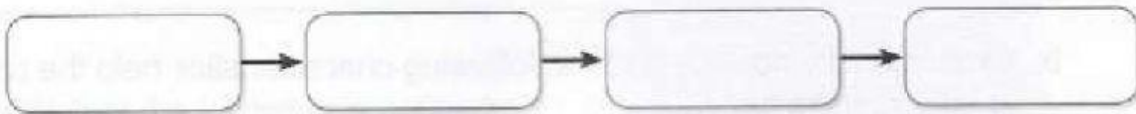
| Situation | Non-living component |
|--|----------------------|
| a. Fish have _____ to take in the dissolved oxygen from the water. | |
| b. Some birds avoid winter by _____ to warmer places where they can find food and shelter. | |
| c. All living things need _____ to breathe. | |
| d. Plants need sunlight to carry out _____. | |
| e. During winter, some animals _____ by going into a deep sleep. | |
| f. Earthworms sense their surroundings in the soil by using their _____. | |

Question 2

The diagram below shows four types of organisms in a paddy field.



a. Construct a food chain involving those organisms.



2.1 Name the producer.

2.2 What is the process carried out by the producer in producing food?

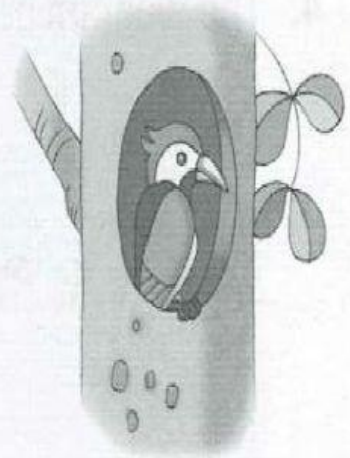
2.3 Which of the animals in the food chain is a carnivore?

2.4 What happens to the rice plants if all the grasshoppers die due to a disease?

- a) The rice plants will become less.
- b) The rice plants will become too much.
- c) Nothing will happen.

Question 3

The diagram on the right shows a bird living in a hole of a tree.



a. What does the tree provide to the bird? List three.

i. _____

ii. _____

iii. _____

b. What will happen to the bird if the tree is cut?
